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JUL 23 2002  
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TECH CENTER 1600/2900

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/678,303DATE: 07/01/2002  
TIME: 15:31:54Input Set : A:\EP.txt  
Output Set: N:\CRF3\07012002\I678303.raw

FILED

4 <110> APPLICANT: VEZINA, Louis-Philippe  
 5 D'AOUST, Marc-Andr,  
 6 MEDICAGO Inc.  
 8 <120> TITLE OF INVENTION: PROMOTER FOR REGULATING EXPRESSION OF  
 9 FOREIGN GENES  
 11 <130> FILE REFERENCE: 14149-4 "US"  
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/678,303  
 C--> 13 <141> CURRENT FILING DATE: 2000-10-03  
 13 <150> PRIOR APPLICATION NUMBER: US 60/157,129  
 14 <151> PRIOR FILING DATE: 1999-10-04  
 16 <160> NUMBER OF SEQ ID NOS: 3  
 18 <170> SOFTWARE: FastSEQ for Windows Version 3.0  
 20 <210> SEQ ID NO: 1  
 21 <211> LENGTH: 1350  
 22 <212> TYPE: DNA  
 23 <213> ORGANISM: Artificial Sequence  
 25 <220> FEATURE:  
 26 <223> OTHER INFORMATION: Sequence to be used as a Promoter for regulating  
 expression  
 29 <400> SEQUENCE: 1  
 30 cggacggcccg gggttgtata tttatatgtt gtcaaataac tcaaaaacca taaaagttta 60  
 31 aqtttagcaag ttttgtacatt ttatgttggaa caaaaatatt cacctactac tgttataaat 120  
 32 cattattaaa cattagaga aagaaaatatg gatgtataaga acaagagtatg tgatattttg 180  
 33 acaacaattt ttgttgcaca ttttgaaaaaa tttttttgtt ctctttttc attggtc当地 240  
 34 aacaatagag agagaaaaaaag gaagaggagg aataaaaaaca taatgtgagt atgagagaga 300  
 35 aagtgtaca aaagtgtac caaaaatgtt gtacaaatat cattgaggaa tttgacaaaaa 360  
 36 qctacacaaaa taagggttaa ttgttgtaaa taaataagga tgacgcattt gagagatgtt 420  
 37 ccatttagaga atttttggca agtcattaaa aagaagaat aaattttttt taaaattttt 480  
 38 aqtttagtca tttgattaaa catgtgttta tttatgttataatgaa gttggattttt 540  
 39 aqttgttata gtaatttagaa ttgttgttca aatttattt gacatttttat cttttccat 600  
 40 atattgcacc atagagtca g ttaacttattttt tttatatttc atagatcaaa taagagaaaat 660  
 41 aacggtatata taatccctcc aaaaaaaaaaa aacggtatata ttactaaaaa atctaagcca 720  
 42 cqtaggagga taacatccaa tccaaaccaat cacaacaatc ctgtatgagat aacccacttt 780  
 43 aagccccacgc actctgttgc acatcttacat tatctaaatc acacattttt ccacacatct 840  
 44 qageccacaca aaaaccaatc cacattttta tcacccatttca tataaaaaat cacactttgt 900  
 45 qagtctacac tttgttccccc ttcaaaacaca tacaaagaga agagactaat taattttttt 960  
 46 atcatcttgc gaaaaaaatqq ccacccgttac ttccaccacc gttgttattt catcattcac 1020  
 47 aqggctttaag gcaaaacgc当地 gcaaaatgtttaa tgccatagct aqgttccaa cttc当地 1080  
 48 tcaattgttca aggctttgttgc tcaagatcttcc cttcaaaagac ttggagtttgc tgc当地 1140  
 49 cactgttca agtgcattgt tagcttgc当地 tgcccttgc当地 gttgaatgttgc tgc当地 1200  
 50 tagtgtatggg ggtttggc当地 ttgttccaaa caatttccaa tgaaacgttgc gagacaccat 1260  
 51 tacattcaag aacaatgttgc gttttccatca caacgttatac ttgc当地tgc gagagattcc 1320  
 52 aagcgggggtt gatgttgc当地 tgaattttttt 1380

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56 <210> SEQ ID NO: 2  
 57 <211> LENGTH: 971  
 58 <212> TYPE: DNA  
 59 <213> ORGANISM: Artificial Sequence  
 61 <220> FEATURE:  
 62 <223> OTHER INFORMATION: Sequence to be used as a Promoter for regulating  
 63 expression  
 65 <400> SEQUENCE: 2  
 66 cqqqctqata tatttatataq ttgtcaaaa actcaaaaac cataaaaagtt taagtttagca 60  
 67 autgtqtaca ttttttatttq aacaaaaata ttcacactact atgttataa atcattatta 120  
 68 auctttagag taaagaataa tggatgataa gaacaagagt agtgtatatt tgacaacaat 180  
 69 ttgttgtgeaa catttgagaa aattttgttg ttctctcttt tcattggtca aaaacaatag 240  
 70 aqagagaaaa aggaagaggg agaaaaaaaaaaa cataatgtga gtatgagaga gaaagttgt 300  
 71 caaaaagttgt accaaaataag ttgtacaat atcatttgagg aatttgacaa aagctacaca 360  
 72 aataaagggtt aattgtgtta aataaataaag gatgacgcat tagagagatg taccatttga 420  
 73 qattttttgg caagtcattt aaaaaaaaataaatttattt tttaaaaatataa aaagttgagt 480  
 74 aatttgattta aacatgtgtat tatttaatgtt attgtatggaa gagttggatt aaagttgtat 540  
 75 taqtaatttag aattttgggtt caaatttaat ttgacatttg atcttttcct atatatttgc 600  
 76 ccatagagtc agttaactca tttttatattt tcatacatca aataagagaa ataacggat 660  
 77 aataatccct ccaaaaaaaaaaaaacggat atttactaaa aatctaaacg cacgttaggag 720  
 78 qataacatcc aatccaaacca atcacaacaa tcctgtatgatg ataaacccact ttaageccac 780  
 79 qcactctgtg qcacatctac attatctaaa tcacacattt tcacacatcat ctgagccaca 840  
 80 caaaaaaccaa tccacatctt tatcaccat tctataaaaaa atcacacttt gtgagtctac 900  
 81 acitgtatc ctttcaaaca catacaaaga gaagagacta attaatttaat taatcatctt 960  
 82 qaqagaaaaat g 971  
 86 <210> SEQ ID NO: 3  
 87 <211> LENGTH: 731  
 88 <212> TYPE: DNA  
 89 <213> ORGANISM: Artificial Sequence  
 91 <220> FEATURE:  
 92 <223> OTHER INFORMATION: Sequence to be used as a Promoter for regulating  
 93 expression  
 95 <400> SEQUENCE: 3  
 96 aqagagaaaa aggaagaggg agaataaaaaa cataatgtga gtatgagaga qaaagttgt 60  
 97 caaaaagttgtt accaaaataag ttgtacaat atcatttgagg aatttgacaa aagctacaca 120  
 98 aataaagggtt aattgtgtta aataaataaag gatgacgcat tagagagatg taccatttga 180  
 99 gaattttttgg caagtcattt aaaaagaaaga ataaatttattt tttaaaaatataa aaagttgagt 240  
 100 catttgattta aacatgtgtat tatttaatgtt attgtatggaa gagttggatt aaagttgtat 300  
 101 taqtaatttag aattttgggtt caaatttaat ttgacatttg atcttttcct atatatttgc 360  
 102 ccatagagtc agttaactca tttttatattt tcatacatca aataagagaa ataacggat 420  
 103 aataatccct ccaaaaaaaaaaaaacggat atttactaaa aatctaaacg cacgttaggag 480  
 104 qataacatcc aatccaaacca atcacaacaa tcctgtatgatg ataaacccact ttaageccac 540  
 105 qcactctgtg qcacatctac attatctaaa tcacacattt tcacacatcat ctgagccaca 600  
 106 caaaaaaccaa tccacatctt tatcaccat tctataaaaaa atcacacttt gtgagtctac 660  
 107 acitgtatc ctttcaaaca catacaaaga gaagagacta attaatttaat taatcatctt 720  
 108 qaqagaaaaat g 731

**VERIFICATION SUMMARY**

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L:13 M:270 C: Current Application Number differs, Replaced Current Application No

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date